BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Certificate in Land-based Studies Pearson BTEC International Level 3 Subsidiary Diploma in Land-based Studies Pearson BTEC International Level 3 Foundation Diploma in Horticulture Pearson BTEC International Level 3 Diploma in Horticulture Pearson BTEC International Level 3 Extended Diploma in Horticulture
Unit number and title	Unit 27: Identification, Planting and Care of Plants
Learning aim	**A:** Understand botanical nomenclature and terminology for the purpose of plant identification
Assignment title	**Plant Identification**
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You work for an online horticultural magazine targeted at college horticulture students. One of your jobs is to regularly write a weekly BLOG for the website. The Editor of the online magazine has asked you to write a BLOG on the use of nomenclature and terminology for the purpose of plant identification.
Task 1	Produce a **written BLOG** for the online magazine, which **justifies, analyses and explains** how botanical **nomenclature** and **characteristics** can be used by horticulture students to **aid plant identification** and their **limitations**. Within your BLOG consider the following: • An explanation of plant classification and different characteristics that aid identification with the use of examples. • Provide a thorough and detailed justification of the effectiveness of biological nomenclature and physical plant characteristics when identifying plants. • Make detailed links between their use and plant identification, using well-selected, accurate examples of how this leads to positive identification • Detailed reasoning as to the limitations of using descriptive biological nomenclature and characteristics to identify plants, using well selected examples of negative identification. • Consider various identification methods and tools thoroughly e.g. tactile features, smell, visual, form, technology, textbooks, nursery catalogues, identification keys and recommend to student readers those that lead to positive identification.
Checklist of evidence required	A written BLOG which justifies, analyses and explains how botanical nomenclature and characteristics can be used to aid plant identification and its limitations. You must include a range of well-selected accurate examples of its positive and negative use.
Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:

A.D1	Justify how botanical nomenclature and characteristics are used to aid plant identification, using detailed and accurate examples.
A.M1	Analyse how botanical nomenclature and characteristics are used to aid plant identification, using relevant examples.
A.P1	Explain how botanical nomenclature and terminology are used to identify plants, using outline examples.
A.P2	Explain plant classification and different characteristics that aid identification, using outline examples.

Sources of information to support you with this Assignment	**Books** Ackeroyd, S (2011) RHS Complete Gardener's Manual: How to Dig, Sow, Plant and Grow, London: DK. ISBN-13: 978-1405365833 Adams, C (2017) Principles of Horticulture: Level 3, London: Routledge. ISBN-13: 978-1138428652 Brickell, C (2012) RHS Encyclopedia of Gardening, London: DK. ISBN-13: 978-1409383949 Brickell. C (2010) RHS Encyclopedia of Plants and Flowers, London: DK. ISBN-13: 978-1405354233 Dawson, P (2015) A Handbook for Horticultural Students, 2 edn., London: Peter Dawson. ISBN-13: 978-0952591115 RHS (2013) RHS What Plant Where Encyclopedia, London: DK. ISBN-13: 978-1409382973 RHS (2011) RHS What Plant When, London: DK. ISBN-13: 978-1405362979 RHS (2013) RHS Botany for Gardeners , London: Octopus Publishing Group. ISBN-13: 9781845338336 **Journals and Magazines** • Horticulture Week • BBC Gardeners World • Nature (www.nature.com/hortres/) • Horticultural Plant Journal